of them pieceners; among whom was my infe the office behind show the rade for brokered being I saw mis disectes, but could give no relief; for after I was gotthrough, Iwas in the enemy's was alone - Those who had charged Mrough with me very on to heeds thinking I had home so too. Best I Stayed till Isme ther was nomer in my power to do but to be lather prisoner with nem. I Men " at Leeds, Exound all in great destruction; the Council fiver newly risen, when it was recolved to quit to ton wretreat to Heell, which was 60 miles of many to evening garrisons keng "He got well to selly, where there was a gerry of heading, a garnison from enemy at Cawood. Ing father being on the perry, word carre tous that he was in danger who later "Thester whim who we just got into the bras Then the enemy entered the town. Edward on men upin the merket place veharged them, Then Ireceived a shot in the wrist Jung arm Which suddenly let out such a quantity ofblood mat swas ready to gall from my horse; som men Leeing in realy to gat. laid one on the fromos, now, when Iwas about senseless, my surgery came abound upthe orand astopped to bleeding " after a quarter fanhours red. Igot upon horoback again; som men had heaten to every back to Carrord, the same way they cam. " Luce, by the forderess of good, one passage was made clear; some went over one gerry after my party I myself, with others, sent through the levels to Health in

it proved a very trouble com & dangerono passeng being often interrupted by the eveny, cometime's in our front, sometimes in our reas! " That her 20 hours on horseback after Lavas chor without amyrest is refreshment; & as many homes before. and, tomate it worse, my daughter, not above fine years old, being carried begoe her maid, endured all his retreat on horse back. Bed nature not being able whold out mylonger The fell into frequent swoonings; + in appearing was realy to expert her last. "Having now present the Frent, & seeing a house not for of Least her mether, with her mand only into lettle hop freeing her anymore about, Mongs o intended to nect day to send a chip from Hull for her. " At-last us for our men whose on brand ship, Crossing Durnher, we wrived at-Kull, on men gainst stired. Imyself, had lost all even tomy Short for myelther were made unfit to wear with rents allowed. Bresently after my coming lottell, esent a strip for my daughter, whowas brought the next day to the town, pretty well recovered of her long steations formery. " not many day after the early neweall cent mywife back again in his walk, isth some hore to guard her. Which generous set flir fames him mor reportations than he could have for by detaining a lady prisoner." merroirs of general dringer

Yorkshire has neither gold mines nor selves wine but it is not in our English " Rucions metal. the iron, respet above all metals, which has done somuch tomato England a great nation. From a found in a stoney dark coloured or called ironature, which is want up firm clay wother earthy embolarnes. In or occurs in bed, sometimes afew mehr hick, & Sometimes several gett. There are ferrerally a great many beds or searns in hereaf another seperated by beds fother mineral ther, in the south yorkelier het to below to sratford as almost to form part of the town as to prest Low moon Growing, known allows the vold for the frest longliness Astrongth of thisires goods - iron plates, burs & rails providing lines - the best in the world, Which are sent to america agree Egypt- India Mussia; wherever the stronger from fronts are wanted to Low moon "brand is brown. hypigh you way we the formale promape by to light you mugh whent gurraces theyong away like small volcanses: and week The works you must make your wayover, olderness offeren cindes & clas - the repres of the purmaces which, presents a century, has been collecting in hellocks over the place. These great view works red upon the worth wed Corner your pred coal field, when there is much transton lying in seams between The layers

19p34cmc34 The mines are worked very much as the mines ar. Longunderground palleries are day, sometimes Conarrow that a man has to lie flet whis work The ore is blacked with pumponder, with men per is out with a prish-axe, in hill up in all in matter shirt sill pass yes pas, seguist is the Man is the blast pressure. The Man the blast pressure of the blast pressure. To have grew strengths, agree power presisting heat. They are always full oppiered huming as it is drawn out at to bottom: the topic fenerally open, of miles around & great bottom up Bright & day, Lunday tweek day, In her as is not fler done on lundays, then much always to somebody to feed the guerraces The iron mester contand-apportates outfire Suit it would coat him & 1000 Where lighted again. at the bottom you black pursue new is a Ouep agnar hearth, wall the Kollow of the purman above his hearth is pilled with one treal. Ruting onlyiron or read burned in The purnas, we Should never get iron out. It is a curious pack that certain substances have an affection, or Met chemists call an affinely. In each other. Ihr or, weit is cast into julnau, contains weret clay along in the sion. In ming is, to depart the crim from the clay; that is managed by throwing or another substance along it the coal star by, for which the clay has such an appoint one

i9735 cm 34 that it will seave the war for tell whis new substance, coleaving the vier pure lime is this neight substance; with "imediane reelfor mis purpose in The Lor Mors works is brought from the opnessies above Shipton - no freet distance of. When me it is filled, the purman is heptrowing Ablazing away, great each are slive being powed in at the top everyhow, day onight It well when it is meller, being heavier my anything clas in the purmace, crists with Egnere trongto at the bottom. Rest home is this piece fix hept-up continued. In know that when a pie get low we make it blay up by sending a blast spain, or count, upon it with the bellers. Rechaps you don't know that such a blast spain, on its vary upthe cleining is always blowing upon the his womake it busin. (themendons blast fair is necessary & key the pread black permanes burning bugger, so a steam engine onto the lunge bellows Mich was the air in this order that it may not come as a cold wind upon the hotien Mis air passes through red hot pipes, cothat it is three times as hot as boiling vater when it enters to Jumace. When the welled iron has been planing falling mits the equar trough at the bottom of the permag In twelve hours, it is tapped in allowed to flow In front of the furnace is a plat space covered with sand. a long chansel, or hollow in to sand is made down the middle of this space; his is called

28 p 36 cm 23 4 The Low: from each eid of the sow a hundred on more smaller channels, bramel out, There are The piego, all being ready, the clay. Stoppes with hole at the bottom afthe france is broken way &the white - hot liquid metal pours forth in & stream bubbling thiseing, taking all mennery beautiful colones, willing The sis within cloud officery sparks. Then stand about with long poles to turn the chean gliqued metal with one canother of the pig monels, until they the sow are all gilled; spreny bright wary beautigue The whole appearance is. The piles som from Solit, care curried away from the moulds while negar yet hot.

This is pig. vion, which, wonates pie praces, which would of the sings reiling, who who was malted in spirmace; a is pret once were melted in spirmace; a is pret once were melted in spirmace; a hollow clay chape of the exact pattern of a hollow clay chape of the exact pattern of a retiels that is to a made. This is called the article that is to a made. This is called the article that is to the made of early one either preed strongth or freak heavily one either preed strongth of all and made of east vion. Dork at an iron fender, made of east vion. Dork at an iron fender, made of east vion. Dork at an iron fender, a pire grate, appropriate to article has been fine exhauf; appropriate the article has been cast in a month, and wronghe with hand of hammer.

But ifthe iron is to to brong to the forge the made very class & strong, or to the wrong to inter delicate patterns, it was annes to potting yet; to pig vion is buttle, & will not been the

igp37cme34 It's piles are broken with pieces, sput into the puddling gurnace, where the brittle iron becomes malleable, that is, able to hears the hammer, & dutile, not is, capable gleing drawn out into him vir igneed as. Its puddling purnace is one in which to plant wheat are cast down " reverberated from an arched roop. The 'puddles' is a kind of Salamander able to been engliest. Raked to the said, he watches the vion as it begins womelt though a hole in the Jurnou, stirring to pieces about with a long iron rad, which we is obliged to change for a cold one every gen ouriester or even the rat would reg. When the shot is metter, the puddles keeps to mass constantly othered, & under the stirring the fluid becomes thickened, & gradually ? Separates into empore These, with two vion rods, he works into one ing ball, or bloom as it is called . Then to giving ball firm is lifted out of the formace, sparace from on workmen wanther quick as thought. a spring to dark figures Mkon Sporting, as it wer, with the huge hall Three The blown is glattered under an enorman hammer, there present me further under freet-rollers, until it is brings tom chape a size required. Lui, rolling is very hard work, as the sheets firm must be made red. hot between each rolling: and the onen maybe seen bathetin perspiration, carrying a sheet gred het iron, had on Marce yards Equal wandfrom the presnass. Afthe oren sheet or har is not pust to right eight

after the rolling, the edges are elipped it a pair promotes thears; it is a curious sight ; Les iron cut mongs as ifit were nomore than pretty stiff paper. The iron is now ready for the gorge when it is shaped shammered upon the arrival into whelever ling querought iron goods is to be produced; Lit is In the excellence of their very the iron fords that to Sorther Ironworks are now have Lack famons allower the sold. about 14000 mer av employed in the guest works. The Burling Ironworks, also adjoining Brandy ar like the of Son more, only on a smallerical In cloning Lowns. Halipay. We have no space affect of the dozens of to day or famelles lowers & leving villages which pather rosme Leeds & Bred ford, the was freat-centres. Passing over the englactes gone has will after another or heiny carrier through the heavy of the hills by means quality winnels, we come upon a torn which stands in a vally Shaped exactly like a deep basin with har trup hills shutting it in on all sides. In. is kalifal. A third in importance of the West riding clothing towns. Many tall on the hill cides, forthe Haliper manufactions carry on heis works with prest spirit, when are writed swortless factories as well as cotton wills, seattered month the length + breat the yours lary parish which extent as par as Latmorden.

One curious branch of Nalyier trade is that isthe South americe, the will owners having learned long ago sow to eater on the tastes ofthe denth American Indians. The manufactures ofthe love an receivering of meterials premations table cover, dresses, it shell mesers. Crown the largest mills in the lown, is a great apply garany, which employeemen them sows hands. In they interesting it is towarded the cleves action of The love which produce the cost of loop which como no surface of Brussels carpet; for cutting of twhet maybe called the "Shearing" the carpet known as 'velvet pill' all kint of carpets are made here. Before the was spreachinery in factories bear feneral, Salipax was the centre ofthe yestative wirthen works. In early days, the word for Typical Theep was bought at a high rate by the merchants of Handers, for nother word was comuch Esteemed by the clothies. But English made elotes velups ver as and despesed a English worl was esteemed. The gentleman at home or abroad would clothe himsely in the rough close, of the is land mich ver left for the weer of the presants opores sort flowers folk. On sanone English bring noted this part attrough it a poly that England Thould love the chief profit opils excellent words in sending them to the torms Edward The Made up. and william to longueron Edward The Edward III. Newny VII. Willighter wer amongst ou monarcho who woold dlemeck Weavers to settle in various parts of England about in order that my might test their ways tothe English. It is said that to Edward M. Halipax owed its early prosperity resherved himself prendly lasty

Hander wavers; mad them many pais primises which he certainly did his heat is keep by degree, got many paralles warm sutte in witin This English towns. Halijax war one of their towns. In Inglient very a little inclined at prod to be judines of the greegness + did not always west them well. But vays an of writer Rappy the germen's home onto which one of their Julehmer did ontes, bringing industry vivealth along with there. Such sho carry in strangers, istin dono, som after vent out budegrooms returned some in ear, having married The daughter, of Nir landlosts Sho first entertained them. yes, thou yearner in whose horses they hastoned Low became fentlemen faining estates to
Low became fentlement that which the points to the
themselves " freed freegners wheath we the server.

Vi no longer need freegners wheath we the server. of the worl eraply but it is a curious fact the there are at this day, a freat many greigners fermen merchants for the most part = welled in the large clothing brown. Walifer is nather presents a rather handerne appearance is a town, because it is built-of brown preesting got from marries over. at hand. It has a fine old parish church Parts of which claims to belong to facer days; Gilbert Scott on pthe most esteered of myle areticles - continely at the expense of and manufactures of the town. Amongstills public building are a handsome toon-hall bught ist gilding, to large Rice tall, when the trade of Halipax used to be carried on though now the pieces ' (of supp in class) are carried to